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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Oct 30 19:45:44 EDT 2007

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Application No: 10574872 Version No: 2.0

Input Set:

Output Set:

Started: 2007-10-09 18:18:59.142
Finished: 2007-10-09 18:19:00.967
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 825 ms
Total Warnings: 36
Total Errors: 8
No. of SeqIDs Defined: 36
Actual SeqID Count: 36

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 257	Invalid sequence data feature in <221> in SEQ ID (18)

Input Set:

Output Set:

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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed
E 201	Mandatory field data missing in <221> in SEQ ID (24)
E 201	Mandatory field data missing in <222> in SEQ ID (24)
E 334	Range not specified in <222> in SEQ ID (24)
E 257	Invalid sequence data feature in <221> in SEQ ID (24)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (24)
E 257	Invalid sequence data feature in <221> in SEQ ID (25)

SEQUENCE LISTING

<110> Goodall, Alison Helena
Taylor, Sarah Margaret

<120> FIBRINOGEN TARGETTING MICROPARTICLES FOR
PROMOTING HAEMOSTASIS

<130> 430160.401USPC

<140> 10574872
<141> 2007-10-09

<150> PCT/GB2004/004235
<151> 2004-10-07

<150> GB 0323378.0
<151> 2003-10-07

<160> 36

<170> SeqWin99

<210> 1
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> RGD-containing motif of α -chain of fibrinogen -1

<220>
<221> X
<222> 4
<223> any amino acid

<400> 1
Arg Gly Asp Xaa
1

<210> 2
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> RGD-containing motif of α -chain of fibrinogen -2

<400> 2
Arg Gly Asp Phe
1

<210> 3
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> RGD-containing motif of α -chain of fibrinogen -3

<400> 3
Arg Gly Asp Ser
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<210> 4
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> C-terminal sequence of fibrinogen γ -chain

<400> 4
His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val
1 5 10

<210> 5
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide representing aa 294-314 of GPIIb

<400> 5
Ala Val Thr Asp Val Asn Gly Asp Arg His Asp Leu Leu Val Gly Ala
1 5 10 15

Pro Leu Tyr Met
20

<210> 6
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide representing aa 296-306 of GPIIb, designated B12 peptide

<400> 6
Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 7
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide representing aa 300-312 of GPIIb

<400> 7
Gly Asp Gly Arg His Asp Leu Leu Val Gly Ala Pro Leu

1 5 10

<210> 8
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide representing aa 309-312 of GPIIb

<400> 8
Gly Ala Pro Leu
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<210> 9
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 1

<400> 9
Ala Pro Leu His Lys
1 5

<210> 10
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 2

<400> 10
Glu His Ile Pro Ala
1 5

<210> 11
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide representing aa 211-222 of GPIIIa

<400> 11
Ser Val Ser Arg Asn Arg Asp Ala Pro Glu Gly Gly
1 5 10

<210> 12
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> variant of B12 peptide - 1

<220>
<222> 2

<400> 12
Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 13
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> variant of B12 peptide - 2

<220>
<222> 3

<400> 13
Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 14
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> variant of B12 peptide - 3

<400> 14
Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 15
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> variant of B12 peptide - 4

<400> 15
Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 16
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 3

<400> 16
Gly Pro Arg Pro Lys

1

5

<210> 17
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> N-terminal sequence of the α -chain of fibrin exposed by the action of thrombin

<400> 17
Gly Pro Arg Pro
1

<210> 18
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 4

<220>
<221> X
<222> 4
<223> any amino acid

<400> 18
Gly Pro Arg Xaa
1

<210> 19
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 5

<400> 19
Gly Pro Arg Pro
1

<210> 20
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> fragment of fibrinogen having inducible platelet-aggregating activity

<400> 20
His His Leu Gly Gly Ala Lys Gln Ala Asp Val
1 5 10

<210> 21
<211> 5

<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 6

<400> 21
Gly Pro Arg Pro Cys
1 5

<210> 22
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 7

<400> 22
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1 5

<210> 23
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 8

<400> 23
Gly Pro Arg Pro Gly Gly Gly Gly Gly Cys
1 5 10

<210> 24
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<221>
<222>
<223> fibrinogen-binding peptide - 9

<220>
<221> X
<222> 4
<223> any amino acid

<400> 24
Gly Pro Arg Xaa
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<210> 25
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> fibrinogen-binding peptide - 10

<220>
<221> X
<222> 4
<223> any amino acid

<400> 25
Gly Pro Arg Xaa
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<210> 26
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Conjugate peptide

<400> 26
Cys His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val
1 5 10

<210> 27
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Terminal tetrapeptide

<400> 27
Gly Ala Leu Pro
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<210> 28
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Variant of B12 peptide

<220>
<221> VARIANT
<222> 2,6,10
<223> Xaa = Asp or Glu

<400> 28
Thr Xaa Val Asn Gly Xaa Gly Arg His Xaa Leu
1 5 10

<210> 29
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Variant of B12 peptide

<220>
<221> VARIANT
<222> 3
<223> Xaa = Val or Leu

<400> 29
Thr Asp Xaa Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 30
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Variant of B12 peptide

<220>
<221> VARIANT
<222> 4
<223> Xaa = Asn or Gln

<400> 30
Thr Asp Val Xaa Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 31
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Variant of B12 peptide

<220>
<221> VARIANT
<222> 8
<223> Xaa = Arg or Lys

<400> 31
Thr Asp Val Asn Gly Asp Gly Xaa His Asp Leu
1 5 10

<210> 32
<211> 4
<212> PRT

<213> Artificial Sequence

<220>

<223> Possible amino terminus sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa = Pro, His or Val

<220>

<221> VARIANT

<222> 4

<223> Xaa = any amino acid

<400> 32

Gly Xaa Arg Xaa

1

<210> 33

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the α -chain of fibrin

exposed by the action of thrombin

<220>

<221> VARIANT

<222> 4

<223> Xaa = Sarcosine

<400> 33

Gly Pro Arg Xaa

1

<210> 34

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the α -chain of fibrin

exposed by the action of thrombin

<400> 34

Gly Pro Arg Gly

1

<210> 35

<211> 4

<212> PRT

<213> Artificial Sequence

<220>
<223> N-terminal sequence of the α -chain of fibrin
exposed by the action of thrombin

<400> 35
Gly Pro Arg Val
1

<210> 36
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Possible amino terminus sequence

<220>
<221> VARIANT
<222> 2
<223> Xaa = Pro or His

<220>
<221> VARIANT
<222> 4
<223> Xaa = any amino acid

<400> 36
Gly Xaa Arg Xaa
1